Contents

Akashi, T., s. Kanbe, T.		Gaspar, T., s. Thonat, Catherine	
Allen, Nina S., s. Turnquist, Heather M.		Goddard, R. H., La Claire, J. W. II, Novel changes in the plasma	
Aronson, J. M., s. Vargas, Maria M.		membrane and cortical cytoplasm during wound-induced contraction in a giant-celled green alga	75
Bianciotto, Valeria, Bonfante, Paola, Evidence of DNA repli-			
cation in an arbuscular mycorrhizal fungus in the absence		Hasezawa, S., Nagata, T., Microtubule organizing centers in	
of the host plant	100	plant cells: localization of a 49 kDa protein that is immu-	
Bonfante, Paola, s. Bianciotto, Valeria		nologically cross-reactive to a 51 kDa protein from sea urchin	
Boyer, N., s. Thonat, Catherine		centrosomes in synchronized tobacco BY-2 cells	64
		Herth, W., s. Delmer, Deborah P.	
Casero, P. J., Casimiro, I., Rodríguez-Gallardo, L., Martín-Par-			
tido, G., Lloret, P. G., Lateral root initiation by asymmetrical		Jaffe, M. J., s. Turnquist, Heather M.	
transverse divisions of pericycle cells in adventitious roots of		Johnson, M. W., s. Costa, H. S.	
Allium cepa	138		
Casimiro, I., s. Casero, P. J.		Kanbe, T., Akashi, T., Tanaka, K., Effect of cytochalasin A on	
Colijn-Hooymans, C. M., s. Fransz, P. F.		actin distribution in the fission yeast Schizosaccharomyces	
Costa, H. S., Westcot, D. M., Ullman, D. E., Johnson, M. W.,		pombe studied by fluorescent and electron microscopy	24
Ultrastructure of the endosymbionts of the whitefly, Bemisia		Kikuyama, M., s. Nawata, T.	
tabaci and Trialeurodes vaporariorum	106	Kindl, H., s. Schwer, B.	
Courduroux, J. C., s. Thonat, Catherine			
		La Claire, J. W. II, s. Goddard, R. H.	
Dairman, M., s. Domozych, D. S.		Larsen, Tamara, s. Mandoli, Dina F.	
Delmer, Deborah P., Volokita, M., Solomon, M., Fritz, U.,		Leunissen, E. H. M., s. Fransz, P. F.	
Delphendahl, W., Herth, W., A monoclonal antibody rec-		Lloret, P. G., s. Casero, P. J.	
ognizes a 65 kDa higher plant membrane polypeptide which			
undergoes cation-dependent association with callose syn-		Mandoli, Dina F., Larsen, Tamara, Improved mating efficiency	
thase in vitro and co-localizes with sites of high callose de-		in Acetabularia acetabulum: recovery of 48-100% of the ex-	
position in vivo	33	pected zygotes	53
Delphendahl, W., s. Delmer, Deborah P.		Martin, A., s. Pickett-Heaps, J. D.	
Domozych, D. S., Dairman, M., Synthesis of the inner cell wall		Martín-Partido, G., s. Casero, P. J.	
layer of the chlamydomonad flagellate, Gloeomonas kupfferi	1		
Duranti, M., Rieppi, Monica, Faoro F., Biochemical and im-		Nagata, T., s. Hasezawa, S.	
munocytochemical localization of a BAPAase in developing		Nawata, T., Kikuyama, M., Shihira-Ishikawa, I., Behavior of	
and mature lupin cotyledons	17	protoplasm for survival in injured cells of Valonia ventricosa:	
		involvement of turgor pressure	116
Eleftheriou, E. P., Prospective companion cells differentiate into		Nougarède, Arlette, s. Faure, O.	
abnormal sieve elements in colchicine-treated roots of Tri-			
ticum aestivum	151	Penel, C., s. Thonat, Catherine	
		Pickett-Heaps, J. D., Martin, A., An early, neglected description	
Faoro, F., s. Duranti, M.		of the fibres (microtubules) in the eucaryotic flagellum	14
Faure, O., Nougarède, Arlette, Nuclear DNA content of somatic			
and zygotic embryos of Vitis vinifera cv. Grenache noir at		Rieppi, Monica, s. Duranti, M.	
the torpedo stage. Flow cytometry and in situ DNA mi-		Roberson, R. W., s. Vargas, Maria M.	
crospectrophotometry	145	Rodríguez-Gallardo, L., s. Casero, P. J.	
Fransz, P. F., Leunissen, E. H. M., Colijn-Hooymans, C. M.,			
2,4-Dichlorophenoxyacetic acid affects mode and frequency		Schwer, B., Kindl, H., Plant nuclear protein p56 and its elicitor-	165
of regeneration from hypocotyl protoplasts of Brassica oler-	105	dependent transient biosynthesis	103
acea	125	Shihira-Ishikawa, I., s. Nawata, T.	
Fritz, U., s. Delmer, Deborah P.		Solomon, M., s. Delmer, Deborah P.	

Tanaka, K., s. Kanbe, T. Thonat, Catherine, Boyer, N., Penel, C., Courduroux, J. C.,		Volokita, M., s. Delmer, Deborah P.	
Gaspar, T., Cytological indication of the involvement of cal- cium and calcium-related proteins in the early responses of		Westcot, D. M., s. Costa, H. S.	
Bryonia dioica to mechanical stimulus	133		
Turnquist, Heather M., Allen, Nina S., Jaffe, M. J., A phar- macological study of calcium flux mechanisms in the tannin			
vacuoles of Mimosa pudica L. motor cells	91	Rapid Communications	
Ullman, D. E., s. Costa, H. S.		Hess, M. W., Membrane coatings on the generative cell surface of freeze-substituted monocotyledon pollen	8
Vargas, Maria M., Aronson, J. M., Roberson, R. W., The cy- toplasmic organization of hyphal tip cells in the fungus Al-		Shimmen, T., Yoshida, S., Analysis of temperature dependence of cytoplasmic streaming using tonoplast-free cells of Char-	
lomyces macrogynus	43	aceae	17

